

## ABSTRACT OF THE DISCLOSURE

A recording element comprising a support having thereon an image-receiving layer, said recording element containing core-shell particles wherein said  
5 core comprises an inorganic or organic particle and said shell comprises an organosilane or a hydrolyzed organosilane derived from a compound having the formula:



wherein

10 R is hydrogen, or a substituted or unsubstituted alkyl group having from 1 to about 20 carbon atoms or a substituted or unsubstituted aryl group having from about 6 to about 20 carbon atoms;

Z is an alkyl group having from 1 to about 20 carbon atoms or aryl group having from about 6 to about 20 carbon atoms, with at least one of said Z's having at  
15 least one primary, secondary, tertiary or quaternary nitrogen atom;

a is an integer from 1 to 3; and

b is an integer from 1 to 3;

with the proviso that  $a + b = 4$ ; and

with the further proviso that the amount of organosilane shell material is such  
20 that Ratio R, which is the number of micromoles of organosilane used to shell the core particles to the total core particles' surface area (in  $\text{m}^2$ ), is greater than 10.